

Serial Number: 10/707,895  
Filed: 1/21/2004

**USCLOCK IP**

### Remarks

The Examiner indicated that claims 10-16 and 27-35 are pending in the application. Applicant has not previously canceled any claims. Further, the Examiner did not indicate that any claims have been canceled by Examiner amendment. Therefore, Applicant believes claims 1-9 and 17-26 should be acknowledged in the Disposition of Claims appearing on the PTOL-326, indicated as "withdrawn", and has represented these claims as such in the claims listing appearing herewith.

The Examiner objected to informalities in claims 10-16, 27 and 29-31. As applicable after the claim amendments described herein below, these claims have been amended as suggested by the Examiner.

The Examiner rejected claims 10-16, 27-30 and 35 under 35 U.S.C. 103(a) as unpatentable over *Petteruti* in view of *Wuidart*. The Examiner acknowledges *Petteruti* does not disclose the claim element of a near field coupler having an array of a plurality of lines electrically connected in parallel and supplies *Wuidart* therefore.

Applicant respectfully submits that *Wuidart* does not disclose a near field coupler according to the present novel and non-obvious invention. *Wuidart* uses a plurality of inductive coil cells arranged in parallel, tuned by a capacitor value

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selected according to the inductance resulting from the plurality of inductive cells connected in parallel to form an oscillating circuit that generates an electromagnetic field (*Wuidart* Paragraphs 43 and 47). A near field coupler according to the invention has no inductor coils or capacitor and is not an oscillating circuit as traditionally understood in the RFID arts. A near field coupler according to the invention relies upon a near field effect emanating from a series of unmatched transmission lines electrically connected in parallel (Specification Paragraphs 24, 25). To further clarify the difference between a near field coupler according to the invention and a traditional tuned oscillating circuit as applied in the cited references, applicant has amended the claims to include the limitation that the electrically connected parallel lines of the near field coupler are coupled to an unmatched load (Specification Abstract, Paragraph 24).

Accordingly, the limitations of claims 11 and 13 have been incorporated into claims 10 and 12, respectively, and claims 11 and 13 canceled. Claims 27-33 and 35 have each been amended to specifically include the limitation of a near field coupler having a plurality of lines electrically coupled in parallel with an unmatched load.

Because the cited references fail to disclose or suggest a near field coupler comprised of a plurality of lines electrically coupled in parallel with an unmatched load, rejection of claims 10-16, 27-30 and 35 under 35 U.S.C. 103(a) is improper.

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The Examiner rejected claims 31-34 under 35 U.S.C. 103(a) as unpatentable over *Petteruti* in view of *Wuidart* and further in view of *Meier*. As described herein above, the cited references fail to disclose near field concentrations according to the invention. Claims 31-33 have been amended to include the clarifying limitation that the near field concentration is created by a plurality of lines electrically coupled in parallel with an unmatched load.

Because the cited references fail to disclose or suggest near field concentrations generated by near field coupler having a plurality of lines electrically coupled in parallel with an unmatched load, rejection of claims 31-34 under 35 U.S.C. 103(a) is improper.

Having obviated each of the Examiners rejections, applicant respectfully requests that a notice of allowance be issued. Should the Examiner be inclined to issue an Official Action other than the notice of allowance, Applicant respectfully requests that the Examiner first contact Applicant by telephone at the number listed below.

**Request for Extension of the Term for Reply & Authorization of Deposit Account Charge**

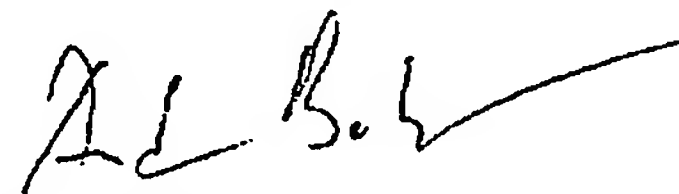
The applicant herewith petitions the Director of the United States Patent and Trademark Office to extend the time for reply to the Office action dated November 17, 2005 for one month(s) from February 17, 2006 to March 17, 2006. The Commissioner is hereby authorized to debit deposit account number 502327

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in the amount of \$120 for the one month extension fee. Further, any deficiency or overpayment should also be charged or credited to deposit account 502327 referencing docket number 3042.

Respectfully submitted,



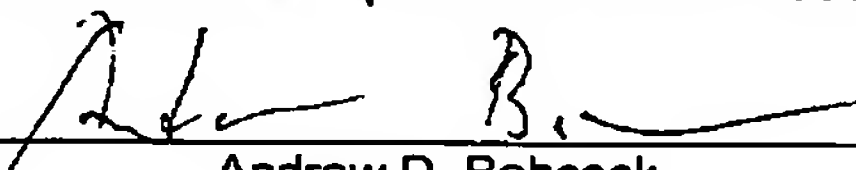
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**CERTIFICATE OF TRANSMISSION**

*I hereby certify that this correspondence is being facsimile transmitted to the U.S. Patent and Trademark Office (Fax No 703 872-9306) on March 2, 2006.*



Andrew D. Babcock